

Figure 1

100



**IDENTIFY A LANGUAGE (E.G., ARABIC LANGUAGE)**

**102**



**EXTRACT/COLLECT INFORMATION REGARDING IDENTIFIED LANGUAGE  
(E.G., ARABIC LANGUAGE)**

**104**



**LIST AND DEFINE PHONOLOGICAL AND PHONETIC UNITS OF IDENTIFIED LANGUAGE  
(E.G., ARABIC LANGUAGE)**

**106**



**IDENTIFY VARIATIONS IN IDENTIFIED LANGUAGE  
(E.G., CLASSICAL ARABIC, MODERN STANDARD ARABIC, COLLOQUIAL ARABIC)**

**108**



**DEVELOP A MAXIMAL SET**

**110**



**REDUCE MAXIMAL SET**

**112**

Figure 2

200  
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IDENTIFY TERMINOLOGICAL PROBLEMS

202



IDENTIFY TRANSCRIPTION PROBLEMS

204



EXTRACT/COLLECT ALL PHONOLOGICAL AND PHONETIC UNITS

206



ESTABLISH A FEATURE SET

208



SELECT A REPRESENTATIVE SYMBOL FOR TRANSCRIPTION ALPHABET

210



BUILD A STRUCTURED SOURCE

212

Figure 3

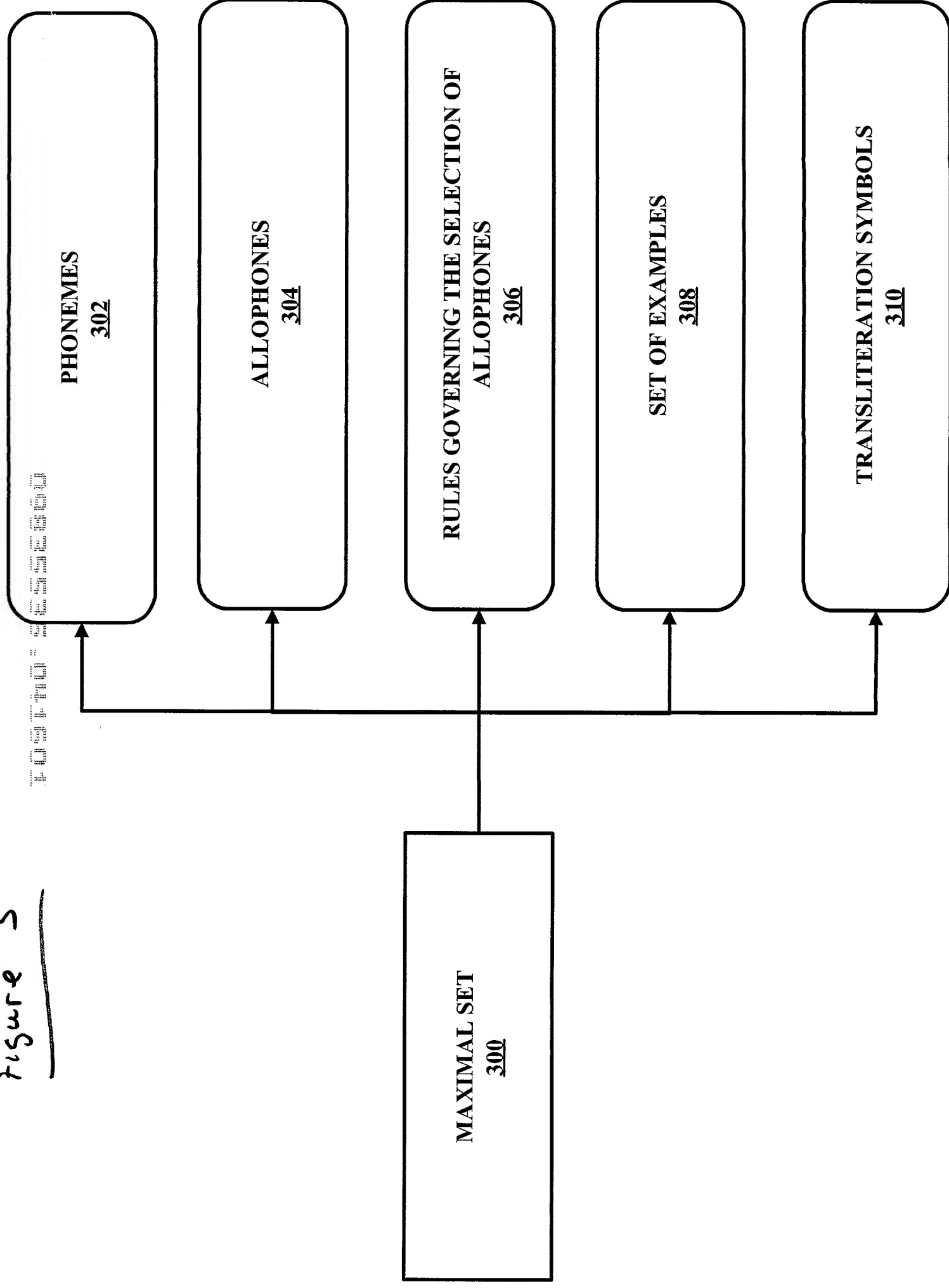


Figure 4

